

MISSION COLLEGE

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM FOR UC CERTIFICATION AND CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

The Intersegmental General Education Transfer Curriculum for UC (IGETC UC) is a general education program which allows California Community College students to fulfill lower-division general education (GE) requirements for the UC system without the need, after transfer, to take additional lower-division GE requirements. **SIXTY (60) UC TRANSFERABLE UNITS** of Major and GE courses with a grade of "C" (or P) are required for transfer. Transfer students should: (1) meet with a counselor to create an **EDUCATIONAL PLAN** that will assist in identifying appropriate major and GE requirements; (2) request an **IGETC CERTIFICATION** (when final transcripts are requested) to be sent to the transfer institution; and (3) with a counselor's assistance, determine eligibility for an Associate's Degree and/or an Associate's Degree for Transfer. FULL CERTIFICATION (completion of all areas), PARTIAL CERTIFICATION (completion of all but 2 courses), and IGETC FOR STEM CERTIFICATION (for BIO AS-T only) are available. Please see Page 3 for certification details. All courses are 3 units unless otherwise noted. Completion of the pattern also satisfies requirements for Certificate of Achievement in Transfer Studies – IGETC UC.

AREA 1 - ENGLISH COMMUNICATION (2 courses, 6 semester/9 quarter units)

Complete one course from both Groups.

GROUP A: ENGLISH COMPOSITION

ENG 001A English Composition I
*ENG 001AX Intensive English Composition (5, 3 for UC transfer)

GROUP B: CRITICAL THINKING

ENG 001B English Composition II (SP07)
ENG 001C Clear Thinking in Writing
PHI 003 Introduction to Problems in Ethics

NOTE: Students considering CSU transfer must also complete COM 001 or 020

AREA 2 - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (1 course, 3 semester/4-5 quarter units)

MAT 000G Math for Liberal Arts Students (4)
*MAT 001 College Algebra (4)
*MAT 001X College Algebra with Additional Support (6, 4 for UC transfer)
*MAT 002 Pre-Calculus and Trigonometry (6, 5 for UC transfer)
*MAT 003A, 003AH, 003B Analytic Geometry and Calculus (5)
MAT 004A Intermediate Calculus (4)
MAT 004B Differential Equations (4)
MAT 004C Linear Algebra (4)

*MAT 009 Integrated Statistics II (4)
*MAT 010, 010H Elementary Statistics (4)
*MAT 010X Elementary Statistics with Additional Support (6)
*MAT 012 Calculus for Business (4)
MAT 019 Discrete Mathematics (4)
*SOC 016 Introduction to Statistics Social and Behavioral Sciences
*UC Transfer credit is limited for most MATH courses. See www.assist.org

AREA 3 - ARTS AND HUMANITIES (3 courses, 9 semester/12-15 quarter units)

One course must be selected from Arts, and one from Humanities. Biology AS-T majors can defer the third course until after transfer.

GROUP 3A: ARTS

ART 001A Survey of Western Art I
ART 001B Survey of Western Art II
ART 001D Survey of Modern Art
ART 004 Art Appreciation
ART 007 Survey of Asian Art
ART 011 The History of Modern Design
GDS 011 The History of Modern Design

GDS 012 History of Photography (FA14)
GDS 015 Photo-media and Social Change
KIN 080 Dance Appreciation
MUS 005 Fundamentals of Music Theory I
MUS 010 Music Appreciation
MUS 016 Survey of Rock and Popular Music
MUS 017 Musics of the World

GROUP 3B: HUMANITIES

ARB 002 Second Semester Arabic (5)
CHI 002 Second Semester Chinese (5)
COM 012 Intercultural Communication
ENG 005A, 005B English Literature
ENG 006B World Literature
ENG 007A, 007B American Literature
ENG 012 African American Literature
ENG 013 Chicana/o-Latina/o Literature
ENG 015 Introduction to Film Analysis
ENG 043 Classical Mythology
ENG 048 Introduction to Shakespeare
ETH 012 African American Literature
ETH 013 Chicana/o-Latina/o Literature
ETH 016A Hispanic Roots and Culture
ETH 018, 018H African American Culture and Humanities
ETH 024 The Asian American Experience
FRN 002, 003, 004 French – Elementary, Intermediate (5ea)
HIS 004A, 004AH, 004B, 004BH History of Western Civilization
HIS 015, 015H World History to 1500 (FA15)
HIS 016, 016H World History since 1500 (FA15)

HIS 017A, 017AH History of the United States to 1877 (FA15)
HIS 017B, 017BH History of the United States since 1877 (FA15)
HIS 033, 033H Women's Issues Past and Present (FA16)
HUM 001A, 001B Human Values in and from the Arts
HUM 007 International Film
HUM 015 Introduction to Film Analysis
HUM 016A Hispanic Roots and Culture
HUM 018 African American Culture & Humanities
HUM 018H African American Culture & Humanities–Honors (FA17)
HUM 020 Asian Roots and Culture
HUM 022 Introduction to Islam
JPN 002 Second Semester Japanese – Elementary (5)
LNG 001 Introduction to Language and Linguistics
PHI 001 Introduction to Philosophy
PHI 005 Introduction to Social and Political Philosophy
POL 003 Introduction to Social and Political Philosophy
POL 007 International Films
SPA 002, 003, 004 Spanish – Elementary, Intermediate (5ea)
VIE 002 Second Semester Vietnamese – Elementary (5)
VIE 049A, 049B Vietnamese Language & Culture for Fluent Speakers

AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES (3 courses, 9 semester/12-15 quarter units)

Complete at least three courses from at least two disciplines. Biology AS-T majors can defer 1 course until after transfer.

ANT 002 Introduction to Archaeology	POL 001, 001H American Government
ANT 003 Cultural Anthropology	POL 002 Comparative Government
ANT 055 Magic, Witchcraft and Religion	POL 003 Introduction to Social and Political Philosophy
CHD 001 Child Growth and Development (FA17)	POL 004 International Relations
ECN 001A Principles of Macroeconomics (4)	POL 005 Political Science Research Methodology
ECN 001B Principles of Microeconomics (4)	POL 006 Politics of Race, Class and Gender
ECN 006 The Global Economy	POL 020 Controversial Legal Issues
ETH 016A Hispanic Roots and Culture	PSY 001, 001H General Psychology
ETH 018, 018H African American Culture and Humanities	PSY 007 Biological Psychology
ETH 024 The Asian American Experience	PSY 010 Social Psychology
ETH 044, 044H African American History	PSY 012 Human Growth and Development
GEO 002 Introduction to Cultural Geography	PSY 015, 015H Introduction to Research Methods
GEO 006 World Regional Geography	PSY 025 Introduction to Abnormal Psychology
HIS 004A, 004AH, 004B, 004BH History of Western Civilization	PSY 045 Human Sexuality (Also SOC 045)
HIS 015, 015H World History to 1500	SJS 001 Social Justice
HIS 016, 016H World History since 1500	SJS 002 Introduction to Gender Studies
HIS 017A, 017AH, 017B, 017BH United States History	SJS 003 Introduction to LGBTQ Studies
HIS 020 History and Geography of California	SOC 001, 001H Introduction to Sociology
HIS 031 History of East Asia	SOC 002, 002H Social Problems
HIS 033, 033H Women's Issues Past and Present (FA17)	SOC 021 Sociology of Minorities in the U.S.
HIS 044, 044H African American History	SOC 040 Marriage and Family
HUM 016A Hispanic Roots and Culture	SOC 045 Human Sexuality
HUM 018 (FA14), 018H (FA17) African American Roots and Culture	SOC 047 Sociology of Criminology
KIN 081 Sport in Society	SOC 050 Introduction to Criminal Justice
PHI 005 Introduction to Social and Political Philosophy	SOC 060 Community and Justice System (FA15)

AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES (2 courses, 7-9 semester/9-12 quarter units)

Complete one course from the Biological Sciences and one from the Physical Sciences. One of the two must have a lab (labs are underlined).

GROUP 5A: PHYSICAL SCIENCES

AST 001 Astronomy	* <u>CHM 030A Fundamentals of Chemistry (4)</u>
<u>AST 003, 003H Astronomy with Lab (4)</u>	GEO 001 Introduction to Physical Geography
AST 004 Astrobiology	* <u>PHY 002A, 002B General Physics (5ea)</u>
* <u>CHM 001A, 001AH, 001B, 001BH General Chemistry (5ea)</u>	* <u>PHY 004A Engineering Physics – Mechanics (5)</u>
*CHM 002 Introductory Chemistry	* <u>PHY 004B Engineering Physics - Electricity and Magnetism (4)</u>
<u>CHM 002L Introductory Chemistry Lab (1)</u>	* <u>PHY 004C Engineering Physics - Light and Heat (4)</u>
<u>CHM 012A, 012AH, 012B, 012BH Organic Chemistry (5ea)</u>	* <u>PHY 010 Introduction to Physics (4)</u>

GROUP 5B: BIOLOGICAL SCIENCES

ANT 001 Biological Anthropology	<u>BIO 016 Marine Biology (4)</u>
ANT 001L Biological Anthropology Lab	BIO 017, 017H Genetics and Society
<u>BIO 001A, 001AH General Biology: Cells (5ea)</u>	BIO 018, 018H Biology of Cancer
<u>BIO 001B General Biology: Organisms (5)</u>	BIO 019 Oceans: Life in the Sea
<u>BIO 004 Microbiology (5)</u>	BIO 025 Environmental Biology
*BIO 010 Introduction to Biology	BIO 030 Tropical Ecology
<u>BIO 010L Introduction to Biology Lab (1)</u>	<u>BIO 030L Tropical Ecology Field Studies (1)</u>
<u>BIO 011 Human Biology (4)</u>	<u>BIO 032 California Plants and Animals (4)</u>
BIO 012 Emerging Infectious Disease	<u>BIO 047 Human Anatomy (5)</u>
BIO 014, 014H Introduction to Neuroscience	<u>BIO 048, 048H Human Physiology (5)</u>
BIO 015 Human Genetics	

GROUP 5C. LABORATORY REQUIREMENT

One of the selected science courses from above must be a laboratory course. Lab courses are underlined.

AREA 6 – LANGUAGE OTHER THAN ENGLISH (0-5 semester/0-7.5 quarter units) Biology AS-T majors can defer until after transfer

Proficiency equivalent to two years of high school study in the same language with a "C" or better OR completion of one of the following (documentation required):

1. ARB 001, CHI 001, FRN 001, JPN 001, SPA 001, VIE 001, or other first level language course or higher
2. A score of 3 or higher on the Foreign Language AP Exam or 5 or higher on the IB HL Exam
3. Satisfactory score on the SAT II: Subject Test in languages other than English
4. Satisfactory completion of two years of formal schooling at the sixth-grade level or higher in an institution where the language of instruction is not English.
5. Verified competency by a CCC, CSU or UC faculty member. [IGETC LOTE Certification Form](#) required.

*Transfer credit may be limited by either the UC or CSU or both. Visit www.assist.org for specific limitations.

Courses may be taken to satisfy only one Area Requirement

FREQUENTLY ASKED QUESTIONS ABOUT IGETC

IS IGETC RIGHT FOR ME?

Maybe. The IGETC is advisable for students who have not yet decided on a major or a particular campus and who want to keep their options open before making a final decision about transferring to either a UC or CSU campus. IGETC is not advisable for students who choose majors with substantial lower division prerequisites, such as engineering or science. See chart below.

DO I HAVE TO COMPLETE IGETC TO TRANSFER TO A CSU OR UC?

No. The IGETC is not a requirement for transfer to CSU or most UCs, nor is it the only way to fulfill the lower-division, general education requirements. Depending on a student's major, the student may find it better to take courses fulfilling the CSU's General Education requirements or those of the UC campus or college to which the student plans to transfer.

I HAVE COMPLETED COURSES AT OTHER COLLEGES. WILL THEY COUNT TOWARD IGETC?

Yes. Courses that are completed at any **US regionally accredited** college can be used in the IGETC certification. Students should be aware, however, that coursework from other California community colleges will be applied in the IGETC category determined by the **original** college. Courses taken at a foreign institution not accredited by a US regionally accrediting association are **NOT** permitted for certification on the IGETC.

WILL THE COURSES I TAKE AS TRANSFER REQUIREMENTS FOR MY MAJOR BE COUNTED TOWARD IGETC?

Yes. UC will allow requirements completed as preparation for the major to be used in the IGETC whenever they appear, unless otherwise noted on ASSIST.

I HAVE PASSED AN AP OR IB TEST. CAN MY TEST SCORES BE USED TO SATISFY AN IGETC REQUIREMENT?

Yes. AP scores of 3 or higher can be used to satisfy any IGETC subject area except Critical Thinking and Oral Communication. Even though credit for more than one course can be awarded by Mission College for AP scores of 3 or higher, only one course in the subject for which the AP test was taken can be used on the IGETC. And a score of 5, 6 or 7 on Higher Level exams can grant credit for IGETC certification. Please see the Mission College catalog for specific credit information. CLEP, SAT or ACT exams cannot be used.

DO COURSES COMPLETED NEED A MINIMUM GRADE FOR CERTIFICATION?

Yes. Only grades of "C" or better will be accepted and Pass/No Pass courses are acceptable only if the college catalog defines credit as equivalent to a letter grade of "C" or better (as it does at Mission). A "C-" grade valued at less than 2.0 grade points on a 4.0 scale cannot be used for IGETC certification

HOW DO I COMPLETE THE IGETC?

The IGETC can be certified for California community college transfers who have also completed transfer units at a CSU, UC or independent college provided that the student has completed most of the transfer units at one or more California community colleges. Students who initially enroll at a UC campus, then leave and attend a community college, and subsequently return to the same campus are considered "readmits" by the University and cannot use the IGETC. However, students who enroll at a UC campus, then leave and attend a community college, and subsequently return to a different UC campus may be able to use the IGETC, but students need to check with the campus they wish to attend.

WHAT IS IGETC FOR STEM?

IGETC CSU for STEM and IGETC UC are separate IGETC tracks available for students planning to major in science, technology, engineering, or mathematics which will allow them to defer all of the following until after transfer:

- One course in Area 3
- One course in Area 4
- One course in Area 6 (for UC bound students who have not satisfied it through proficiency)

These deferred lower division courses must be replaced with calculus and/or science courses required by the major *before* transfer. The UC will accept IGETC for STEM only if a student is earning an Associate Degree for Transfer in Biology or Chemistry at a community college that offers IGETC for STEM as an option for those degrees. For Mission College, this applies only to the Biology AS-T.

I AM A UC TRANSFER. DO I NEED TO COMPLETE AREA 1C IF I AM PURSUING AN ASSOCIATE DEGREE FOR TRANSFER (AA-T/AS-T)?

- *Yes.* Although available for all students, the AA-T and AS-Ts are CSU programs and therefore, communication is required. However, if you are a UC-bound student with no plans for CSU transfer, you have the option of waiving Area 1C with the [IGETC Area 1C Waiver Request](#)

WHAT IS PARTIAL CERTIFICATION?

Partial certification is defined as completing all but two (2) courses on the IGETC pattern (Areas 1 and 2 excluded). These two requirements can be met after transfer with an approved IGETC course from a CCC or a course approved by the UC/CSU campus of attendance from a US regionally accredited institution.

WHEN DO I CERTIFY THE IGETC?

[IGETC certification](#) must be requested in the Records Office prior to transfer. **THIS IS NOT AN AUTOMATIC PROCESS!** All necessary documentation (secondary or other college transcripts) must be submitted to the Records Office prior to this request. Valid IGETC courses must appear on Mission's IGETC plan the year in which they are taken. Students who leave the college, breaking continuous enrollment, will be placed under the IGETC plan in effect for the year that they return.

Requirements are subject to change after catalog publication.

Visit the ASSIST website at WWW.ASSIST.ORG for a complete listing of CSU and UC transferable courses as well as updated IGETC and major requirements.

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2022-2023 CERTIFICATION AND CERTIFICATE OF ACHIEVEMENT ADVISING GUIDE

MISSION COLLEGE IGETC FOR UC REQUIREMENTS	STATUS
AREA 1 ♦ ENGLISH COMMUNICATION ♦ 2 courses, one from Group A and Group B, 6 sem/9 qtr units	
GROUP A (3 SEM/4-5 QTR UNITS): ENGLISH COMPOSITION: ENG 1A, 1AX* Course(s) from other college(s)/AP Exams:	
GROUP B (3 SEM/4-5 QTR UNITS): CRITICAL THINKING: ENG 1B (SP07), 1C; PHI 3 Course(s) from other college(s)/AP Exams:	
AREA 2 ♦ MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING ♦ 1 course, 3 sem/4-5 units	
MAT G, 1*, 1X*, 2*, 3A*, 3AH*, 3B, 4A, 4B, 4C, 8, 9*, 10*, 10H*, 10X*, 12*, 19; SOC 16* Course(s) from other college(s)/AP Exams:	
AREA 3 ♦ ARTS AND HUMANITIES ♦ 3 courses, with at least one course from the Arts and one from the Humanities. 9 sem/12-15 qtr units	
GROUP A: ARTS: ART 1A, 1B, 1D, 4, 7, 11; GDS 11, 12, 15; KIN 80; MUS 1, 2, 5, 5A, 10, 16, 17; PE 40; WHP 40 (FA11) Course(s) from other college(s)/AP Exams:	
GROUP B: HUMANITIES: ARB 2; CHI 2; COM 12; ENG 5A, 5B, 6B, 7A, 7B, 12, 13, 14, 15, 18, 43, 48; ETH 12, 13, 16A, 18, 18H, 24; FRN 2, 3, 4, 5, 6; GDS 13; HIS 4A, 4AH, 4B, 4BH, 15, 15H, 16, 16H, 17A, 17AH, 17B, 17BH (HIST 15-17BH FA15), 33, 33H (FA16); HUM 1A, 1B, 7, 13, 15, 16A, 18, 18H (FA17) 20, 22; ITAL 2; JPN 2, 3A, 3B, 4A; LIN 1; PHI 1, 5; POL 3, 7; PORTG 49A, 49B; SPA 2, 3, 4, 5, 6; VIE 2, 49A, 49B Course(s) from other college(s)/AP Exams:	
CHOOSE ADDITIONAL COURSE FROM GROUP A OR GROUP B (not required for BIO AS-T majors) Course(s) from other college(s)/AP Exams:	
AREA 4 ♦ SOCIAL & BEHAVIORAL SCIENCES ♦ 3 courses from at least 2 disciplines, 9 sem/12-15 qtr units (only 2 courses for BIO AS-T majors)	
ANT 2, 3, 45, 51, 55; CHD 1 (FA18); COM 25; ECN 1A, 1B, 6; ETH 16A, 18, 18H, 24, 44, 44H; GEO 1, 1A, 2, 4, 6; GLB 1, 1A, 2, 3, 4, 6; HIS 4A, 4AH, 4B, 4BH, 6, 15, 15H, 16, 16H, 17A, 17AH, 17B, 17BH, 20, 31, 33 (FA16), 33H, 44, 44H; HUM 16A, 18 (FA14), 18H (FA17); KIN 81; PHI 5; POL 1, 1H, 2, 3, 4, 5, 6, 20; PSY 1, 1H, 7, 10, 12, 15, 15H, 20, 25, 45; SJS 1, 2, 3; SOC 1, 1H, 2, 2H, 21, 40, 45, 47, 50, 60 (FA15); SOCS 1, 2, 6 Course(s) from other college(s)/AP Exams:	
AREA 5 ♦ PHYSICAL AND BIOLOGICAL SCIENCES ♦ 2-3 courses, one from each group, 7-9 sem/9-12 qtr units	
GROUP A: PHYSICAL SCIENCES: AST 1, 2, 3, 4, 3H, CHM 1A*, 1AH*, 1B* 1BH, 2*, 2*, 2L, 7, 12A*, 12AH*, 12B*, 12BH*, 30A*, 30B*; EGR 3; GEO 1; PHY 2A*, 2B*, 4A*, 4B*, 4C*, 10* Course(s) from other college(s)/AP Exams:	
GROUP B: BIOLOGICAL SCIENCES: ANT 1, 1L; BIO 1A, 1AH, 1B, 4, 8*, 10*, 10*, 10L, 11, 12, 14, 14H, 15, 16, 17, 17H, 18, 18H, 19, 25, 30, 30L, 32, 41, 42, 43, 43H, 47, 48, 48H Course(s) from other college(s)/AP Exams:	
GROUP C: LABORATORY: ANT 1L; AST 2, 3, 3H; BIO 1A, 1AH, 1B, 4, 10*, 10L, 11, 16, 30L, 32, 41, 42, 43, 43H, 47, 48, 48H; CHM 1A*, 1AH*, 1B* 1BH, 2*, 2L, 12A*, 12AH*, 12B*, 12BH*, 30A*, 30B*; EGR 3; PHY 2A*, 2B*, 4A*, 4B*, 4C*, 10* Course(s) from other college(s)/AP Exams:	
AREA 6 ♦ LANGUAGE OTHER THAN ENGLISH ♦ 0-5 sem/0-7.5 qtr units, not required for BIO AS-T	
To demonstrate proficiency, one of the following must be complete (see IGETC Standards for details):	
<input type="checkbox"/> Equivalent to two years of high school study in the same language with "C" or better <input type="checkbox"/> ARB 1, CHI 1, FRN 1, JPN 1, ITAL 1, SPA 1, VIE 1 or higher at Mission College <input type="checkbox"/> Equivalent language courses from other college _____ <input type="checkbox"/> A score of 3 or higher on the AP Exam or 5 or higher on the IB HL Exam <input type="checkbox"/> Satisfactory score on the SAT II: Subject Test in languages other than English <input type="checkbox"/> Two years of formal schooling at the sixth-grade level or higher in an institution where the language of instruction is <u>not</u> English ("C" grades or better) verified by transcript. <input type="checkbox"/> Verified competency by a CCC, CSU or UC faculty member. IGETC LOTE Form required.	

Courses may be taken to satisfy only one Area Requirement.

*Transfer credit is limited in some English, Math and Science classes. Visit www.assist.org or the [Counseling Office](#) for more information.

THIS IS NOT AN OFFICIAL DOCUMENT. PLEASE SEE A COUNSELOR FOR MORE INFORMATION